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Field Service Procedure

Part Number: SP00230
Rev: -
Date: 4 October 2001
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Drawer Slides Conversion Grant® to Accuride®

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Drawer Slides Conversion
Grant® to Accuride®

Conversion Procedure

Materials Required:

-- Hand Drill
-- Drill Bits
-- Hammer
-- Center punch
-- 8-32 tap
-- Tap handle
-- Tape measure
-- Level or small carpenter's square
-- Allen key set
-- Molykote grease
-- Nut driver
-- Loctite purple, #222
-- 1/8 in. thick wooden ruler or equivalent shim

Parts Required:

-- 1 ea.	4116952-003	Drawer Slide & Rail Set (C7432-14D)
-- 6 ea.	HW09016	Scr, btn hd 8-32 x 5/16
-- 10 ea.	HW66002	#8 flat washer
-- 6 ea.	HW55001	Nut, kep 8-32
-- 4 ea.	HW02015	Scr, pan hd sltd 8-32 x 3/8

1. Disconnect all pipeline supplies and drain all pressure from the reserve cylinders.

2. Turn the System Power switch to STANDBY and disable all circuit breakers.

3. Remove all materials from each drawer, and remove all drawers from the cabinet.

4. Locate the pop-rivets securing the slides that require replacement. See Figure 1. Using a 1/8" drill bit, drill out the heads of the pop-rivets. Use a larger drill if needed to drill out any remaining rivet stubs from the cabinet, and de-burr the rough edges.

   CAUTION: Do Not drill through the outer skin of the cabinet.

5. Starting on either the right or left side of the drawer, measure back from the lip of the drawer front and mark a location at 1-1/16, 5-9/16, and 9-9/16 inches. See Figure 2.

   Now starting from the bottom of the drawer, measure up 2-1/8 inches and mark three intersecting locations.

   Repeat these measurements on the opposite side of the drawer. Center punch each location and use a #21 bit to drill clearance holes for #8 screws.

6. Place the drawer rails onto the drawer with the black latch facing up and to the front. Insert the 8-32 x 5/16 btn hd screws through the inside of the drawer, and secure the rails to the drawer using the #8 flat washers and 8-32 kep nuts.

Conversion Procedure (continued)

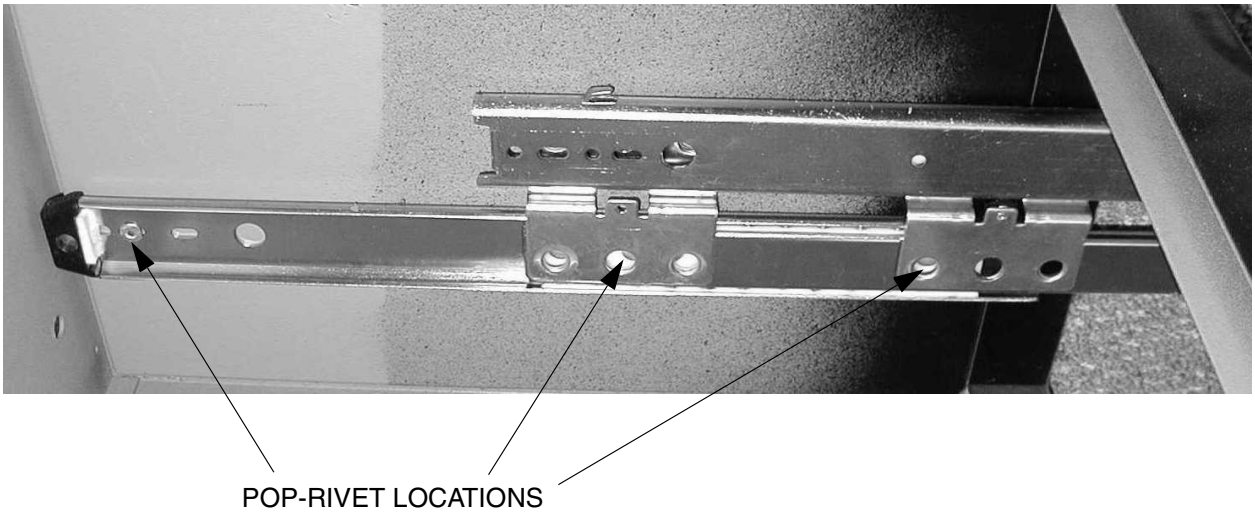

FIGURE 1. Grant Drawer Slide Removal

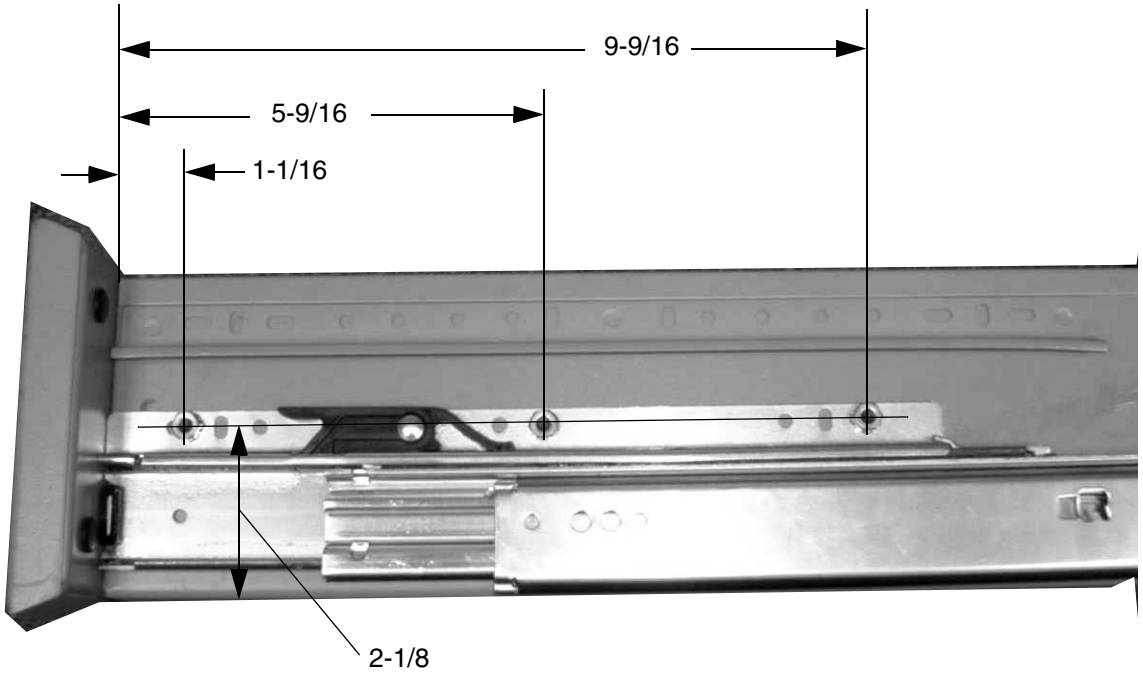

FIGURE 2. Drawer Rail Mounting Locations

Conversion Procedure (continued)

7. Position the drawer slide marked 'R' into the right side of the cabinet. Place a 1/8 in. thick shim (or wooden ruler of the same thickness) between the bottom of the slide and the cabinet opening. Position the lower portion of the slide 5/16 in. from the front of the cabinet as shown in Figure 3.

   Use a level or square to ensure the slide is perpendicular to the cabinet, then using the fourth hole from the front of the slide as a template, mark this location. See Figure 3.

8. Center punch the location, then carefully drill a hole using a #29 drill.

   CAUTION: Do Not drill through the outer skin of the cabinet.

   Thread the hole with an 8-32 tap.

9. Temporarily fasten the slide to the cabinet with an 8-32 x 3/8 in. pan head screw. Level the slide and mark its rear mounting location at the fourth hole from the rear of the slide as shown in Figure 4.

10. Remove the slide, center punch the location and drill a hole using a #29 drill bit. Thread the hole with an 8-32 tap.

11. Apply Loctite purple #222 to the 8-32 x 3/8 in. pan head screws. Install the slide using the pan head screws and #8 flat washers.

12. Repeat Steps 7 thru 11 using the slide marked 'L', installing it in the left side of the cabinet.

13. Vacuum all drill chips from the work area.

14. Lubricate the roller at the middle of each slide with Molykote grease.

15. Extend both drawer slides and attach the drawer by first raising the rail's black latch while sliding the drawer forward.

16. Check the drawer for proper fit and alignment; adjust and lubricate as needed.

17. Enable the circuit breakers and restore AC power to the machine.

18. Reconnect the pipeline hoses.

Conversion Procedure (continued)

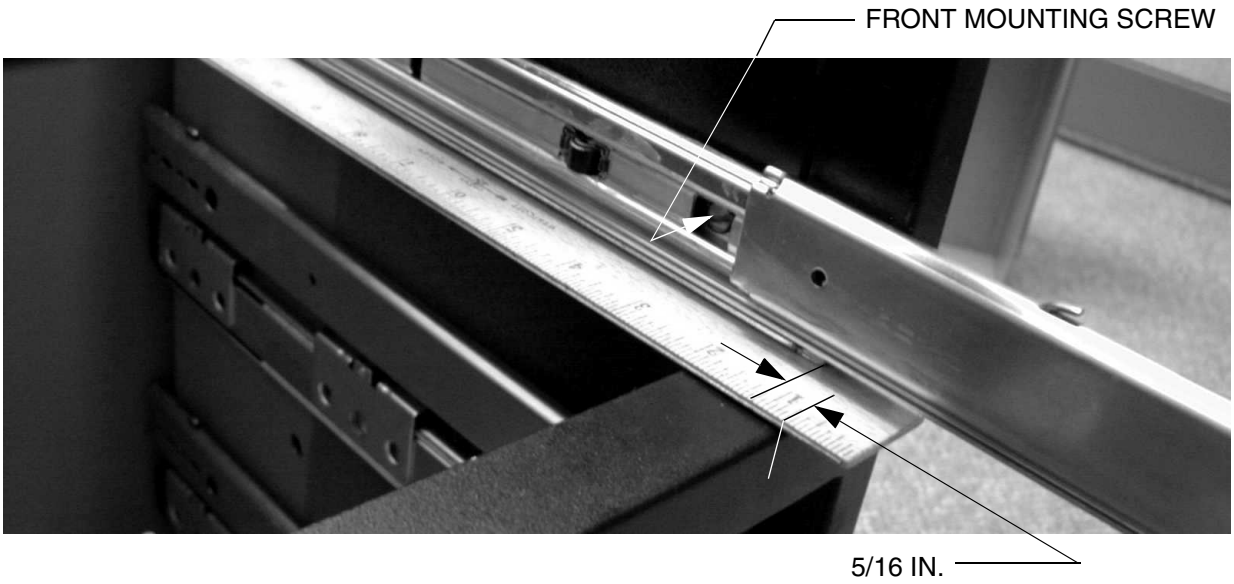

FIGURE 3. Slide Front Mounting Location (right side shown)

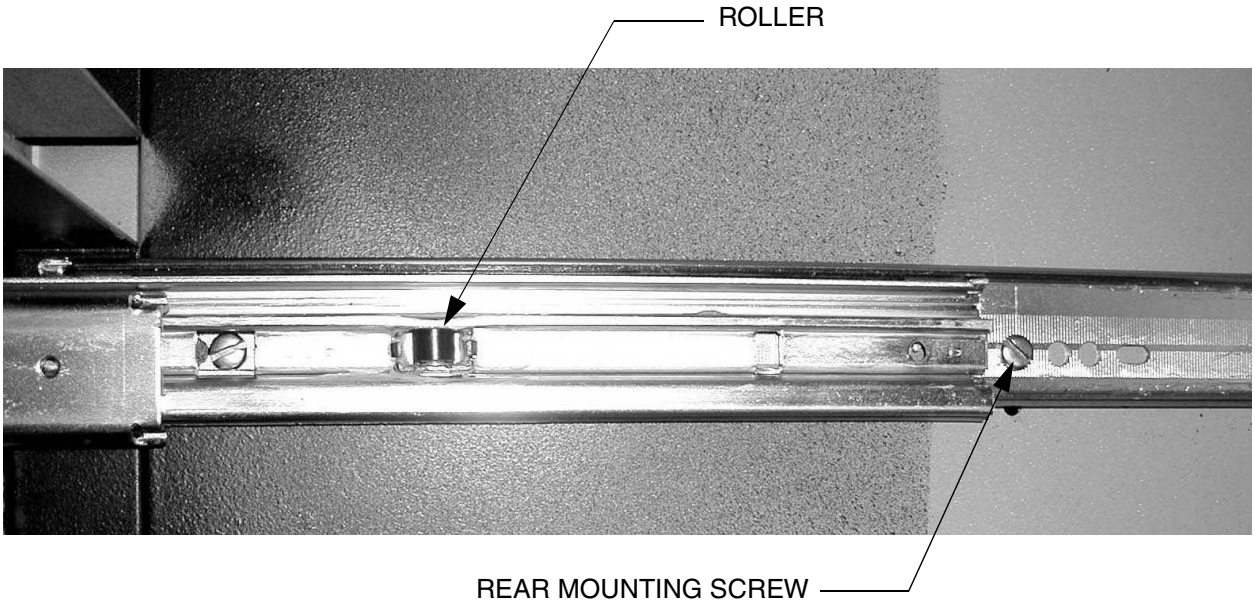

FIGURE 4. Slide Rear Mounting Location (left side shown)

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Printed in the U.S.A.